

IN THE SPECIFICATION:

On page 1, line 1, please delete the current title "METHODS OF INDUCING IMMUNITY", and insert ~~"METHODS OF MONITORING IMMUNIZATION"~~ as the title of the invention.

IN THE CLAIMS:

Please cancel Claim 2.

Please amend the Claims as follows:

1. (amended) A method of monitoring immunization, comprising:

- a) providing: i) a human, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant;
- b) immunizing said human with said immunizing preparation;
- c) obtaining a primary cell population from said human comprising T cells capable of secreting cytokines; and
- d) determining if said T cells are primarily Th2 cells secreting an anti-inflammatory cytokine or primarily Th1 cells secreting an inflammatory cytokine, wherein said Th2 cells secreting an anti-inflammatory cytokine indicates that said immunizing is protective against multiple sclerosis.

25. (amended) A method of monitoring immunization, comprising:

- a) providing: i) a human with symptoms of multiple sclerosis, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant;
- b) immunizing said human with said immunizing preparation;
- c) obtaining a primary cell population from said human comprising T cells capable of secreting cytokines; and
- d) determining if said T cells are primarily Th2 cells secreting an anti-inflammatory cytokine or primarily Th1 cells secreting an inflammatory cytokine, wherein said Th2 cells secreting an anti-inflammatory cytokine indicates that said immunizing is effective for treating symptoms of multiple sclerosis.